L Number			DB	Time stamp
-	309	internal near2 (exhaust near2 gas near2	USPAT; US-PGPUB;	2004/05/02 14:36
		reciruculation or EGR) and valv\$2 near2 closed	EPO; JPO;	
		C103ea	DERWENT;	
			IBM TDB	
- !	17	internal near2 (exhaust near2 gas near2	USPĀT;	2004/05/02 14:43
1		reciruculation or EGR) and valv\$2 near2	US-PGPUB;	
İ		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all)	DERWENT;	
	17	internal near2 (exhaust near2 gas near2	IBM_TDB USPAT;	2004/05/02 14:43
_	1 /	recirculation or EGR) and valv\$2 near2	US-PGPUB;	2004/03/02 14.43
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) and (fresh or air)	DERWENT;	
			IBM_TDB	
-	5	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 14:55
		reciruculation or EGR) and valv\$2 near2	US-PGPUB;	
}		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) and (fresh)	DERWENT; IBM TDB	
_	3	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 18:06
	3	reciruculation or EGR) and valv\$2 near2	US-PGPUB;	2004/03/02 10:00
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) near5 (intake or TDC) and (fresh)	DERWENT;	
			IBM_TDB	
-	9	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 15:04
		recirculation or EGR) and valv\$2 near2	US-PGPUB;	
		closed near3 (simultaneous\$3 or both or all) near5 (intake or TDC) not (internal	EPO; JPO; DERWENT;	
		near2 (exhaust near2 gas near2	IBM TDB	
		recirculation or EGR) and valv\$2 near2	12011_120	
		closed near3 (simultaneous\$3 or both or		
		all) near5 (intake or TDC) and (fresh))		
-	72	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 15:12
		reciruculation or EGR) and (chamber or	US-PGPUB;	
		piston) near5 vacuum	EPO; JPO;	
			DERWENT; IBM TDB	
_	0	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 15:05
	· ·	recirculation or EGR) and valv\$2 near2	US-PGPUB;	2001,00,02 20100
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) near5 vacuum not (internal near2	DERWENT;	
		(exhaust near2 gas near2 reciruculation or	IBM_TDB	
		EGR) and valv\$2 near2 closed near3		
		<pre>(simultaneous\$3 or both or all) near5 (intake or TDC) and (fresh))</pre>		
_	0	internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 15:06
	U	recirculation or EGR) and valv\$2 near2	US-PGPUB;	2001,00702 10.00
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) near5 (low\$3 near2 pressur\$8) not	DERWENT;	
		(internal near2 (exhaust near2 gas near2	IBM_TDB	
		recirculation or EGR) and valv\$2 near2		
		closed near3 (simultaneous\$3 or both or		2
_	0	all) near5 (intake or TDC) and (fresh)) internal near2 (exhaust near2 gas near2	USPAT;	2004/05/02 15:07
	U	recirculation or EGR) and valv\$2 near2	US-PGPUB;	2007/03/02 13:07
		closed near3 (simultaneous\$3 or both or	EPO; JPO;	
		all) near5 (intake near2 stroke) not	DERWENT;	
		(internal near2 (exhaust near2 gas near2	IBM_TDB -	
		reciruculation or EGR) and valv\$2 near2		
		closed near3 (simultaneous\$3 or both or		
	^	all) near5 (intake or TDC) and (fresh))	HODAM:	2004/05/02 35:05
-	0	internal near2 (exhaust near2 gas near2 reciruculation or EGR) and valv\$2 near2	USPAT;	2004/05/02 15:07
		(closed or shut) near3 (simultaneous\$3 or	US-PGPUB; EPO; JPO;	
		both or all) near5 (intake near2 stroke)	DERWENT;	
		not (internal near2 (exhaust near2 gas	IBM TDB	
		near2 reciruculation or EGR) and valv\$2		
1			1	I .
		near2 closed near3 (simultaneous\$3 or both or all) near5 (intake or TDC) and (fresh))		

_	14	internal near2 (exhaust near2 gas near2 reciruculation or EGR) and (piston) near5 vacuum	USPAT; US-PGPUB; EPO; JPO;	2004/05/02 15:13
			DERWENT; IBM_TDB	2004/05/02 15:18
-	0	<pre>internal near2 (exhaust near2 gas near2 reciruculation or EGR) and valv\$2 near2 (shut or seated) near3 (simultaneous\$3 or both or all) near5 (intake or TDC) and (fresh)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 15:18
-	1		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 15:19
	1	internal near2 (exhaust near2 gas near2 reciruculation or EGR) and valv\$2 near5 (shut or seated) near3 (simultaneous\$3 or both or all) not (internal near2 (exhaust near2 gas near2 reciruculation or EGR) and valv\$2 near2 (shut or seated) near3 (simultaneous\$3 or both or all))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/02 15:21
_	1579		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 15:21
_	345	negative near2 pressure near3 combustion near2 chamber	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 15:28
_	121	negative near2 pressure near3 combustion near2 chamber and (seated or closed or shut or sealed) near3 valv\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 15:38
-	19	negative near2 pressure near3 combustion near2 chamber and (seated or closed or shut or sealed) near3 valv\$2 near2 ((intake or inlet) and (exhaust or outlet))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 16:00
_	741	123/90.11.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 16:04
-	575	123/90.12.ccls. not 123/90.11.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 16:05
-	2719	123/90.15-90.16.ccls. not 123/90.11.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 16:05
-	1487	123/90.15.ccls. not 123/90.11.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 16:05
-	1232	123/90.16.ccls. not 123/90.11.ccls. not (123/90.15.ccls. not 123/90.11.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 16:05
_	1180	123/90.17.ccls. not 123/90.11.ccls. not (123/90.15.ccls. not 123/90.11.ccls.) not (123/90.16.ccls. not 123/90.11.ccls. not (123/90.15.ccls. not 123/90.11.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/02 16:05

_	186	123/90.18.ccls. not 123/90.11.ccls. not (123/90.15.ccls. not 123/90.11.ccls.) not	USPAT; US-PGPUB;	2004/05/02 16:05
		(123/90.16.ccls. not 123/90.11.ccls. not	EPO; JPO;	
		(123/90.15.ccls. not 123/90.11.ccls.))	DERWENT;	
			IBM_TDB	
-	816		USPAT;	2004/05/02 16:08
		(123/90.15.ccls. not 123/90.11.ccls.) not	US-PGPUB;	
		(123/90.16.ccls. not 123/90.11.ccls. not (123/90.15.ccls. not 123/90.11.ccls.))	EPO; JPO;	
		(123/90.13.6618. Not 123/90.11.6618.))	DERWENT; IBM TDB	
_	662	123/481.ccls. not 123/90.11.ccls. not	USPAT;	2004/05/02 16:08
		(123/90.15.ccls. not 123/90.11.ccls.) not	US-PGPUB;	
:		(123/90.16.ccls. not 123/90.11.ccls. not	EPO; JPO;	
		(123/90.15.ccls. not 123/90.11.ccls.))	DERWENT;	
	10715	, , ,	IBM_TDB	0004/05/00 16:11
-	10715	kuo\$.in.	USPAT; US-PGPUB;	2004/05/02 16:11
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	43411	vacuum and piston	USPĀT;	2004/05/02 16:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
_	27491	vacuum and piston and valv\$2	USPAT;	2004/05/02 16:11
	2,1151	vacaam and process and varver	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0004/05/00 16 11
-	12834	vacuum same piston and valv\$2	USPAT; US-PGPUB;	2004/05/02 16:11
			EPO; JPO;	
			DERWENT;	•
			IBM TDB	
-	6964	vacuum near10 piston and valv\$2	USPAT;	2004/05/02 16:11
			US-PGPUB;	
	ļ		EPO; JPO;	
			DERWENT; IBM TDB	
_	46517	vacuum near10 (piston or chamber) and	USPAT;	2004/05/02 16:11
•	1031,	valv\$2	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	7.10	10 (	IBM_TDB	2004/05/02 16:11
-	7419	vacuum near10 (piston or combustion near2 chamber) and valv\$2	USPAT; US-PGPUB;	2004/03/02 10:11
		Chambel, and varvyz	EPO; JPO;	
			DERWENT;	
1			IBM_TDB	000.405.455
-	2870	vacuum near10 (piston or combustion near2	USPAT;	2004/05/02 16:11
		chamber) and (intake or inlet) and (outlet	US-PGPUB; EPO; JPO;	
		or exhaust) same valv\$2	DERWENT;	
			IBM TDB	
_	3017	(vacuum or sub near2 atmospher\$4) near10	USPAT;	2004/05/02 16:11
		(piston or combustion near2 chamber) and	US-PGPUB;	
		(intake or inlet) and (outlet or exhaust	EPO; JPO;	
		or exit) same valv\$2	DERWENT;	
		/wasyum on out wasy2 stmoonhant4 on loss	IBM_TDB USPAT;	2004/05/02 16:11
-	0	(vacuum or sub near2 atmospher\$4 or low near2 pressure) near3 (piston or	US-PGPUB;	2004/05/02 10.11
		combustion near2 chamber) and (intake or	EPO; JPO;	
		inlet) and (outlet or exhaust) same valv\$2	DERWENT;	
		and rebreathe	IBM_TDB	0004/07/00 77
-	0	10/611845	USPAT;	2004/05/02 16:11
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
L			· ———	<del></del>

-	0	(low near2 pressure or vacuum) near5	USPAT;	2004/05/02 16:37
		combustion near2 chamber same closed near2	US-PGPUB;	
		(exhaust or outlet) near2 valv\$2 same	EPO; JPO;	
	j	closed near2 (inlet or intake) near2	DERWENT;	
		valv\$2 and open near2 (exhaust or outlet)	IBM_TDB	
		near2 valv\$2 same open near2 (inlet or		
		intake) near2 valv\$2		
_	2	kuo\$.in. near2 Tang-Wei	USPAT;	2004/05/02 16:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		#5712200H	IBM_TDB	0004/05/00 16:13
_	20	"5713328"	USPAT;	2004/05/02 16:11
		•	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
	3	"6082342"	USPAT;	2004/05/02 16:11
_	]	0002342	US-PGPUB;	2004/03/02 10:11
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	19	"4446830"	USPAT;	2004/05/02 16:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	2917	(vacuum or sub near2 atmospher\$4) near10	USPAT;	2004/05/02 16:12
		(piston or combustion near2 chamber) and	US-PGPUB;	i i
		(intake or inlet) and (outlet or exhaust)	EPO; JPO;	
		same valv\$2	DERWENT;	
			IBM_TDB	
-	2083	(vacuum or sub near2 atmospher\$4) near5	USPAT;	2004/05/02 16:13
		(piston or combustion near2 chamber) and	US-PGPUB;	
		(intake or inlet) and (outlet or exhaust)	EPO; JPO;	
İ		same valv\$2	DERWENT;	
	1200	/	IBM TDB	2004/05/02 16:14
_	1390	(vacuum or sub near2 atmospher\$4) near3	USPAT; US-PGPUB;	2004/05/02 16:14
		(piston or combustion near2 chamber) and (intake or inlet) and (outlet or exhaust)	EPO; JPO;	
		same valv\$2	DERWENT;	· :
		Same varvyz	IBM TDB	
_	181	(vacuum or sub near2 atmospher\$4) near3	USPAT;	2004/05/02 16:14
		(piston or combustion near2 chamber) and	US-PGPUB;	
		(intake or inlet) and (outlet or exhaust)	EPO; JPO;	
		same valv\$2 and intake near2 stroke	DERWENT;	
			IBM TDB	
_	1		USPĀT;	2004/05/02 16:14
		combustion near2 chamber and closed near2	US-PGPUB;	
		(exhaust or outlet) near2 valv\$2 same	EPO; JPO;	
		closed near2 (inlet or intake) near2	DERWENT;	
		valv\$2 and open near2 (exhaust or outlet)	IBM_TDB	
		near2 valv\$2 same open near2 (inlet or		
		intake) near2 valv\$2		
-	4	(low near2 pressure or vacuum) near5	USPAT;	2004/05/02 16:14
		combustion near2 chamber and closed near2	US-PGPUB;	
1		(exhaust or outlet) near2 valv\$2 and	EPO; JPO;	
1		closed near2 (inlet or intake) near2	DERWENT;	
[		valv\$2 and open near2 (exhaust or outlet)	IBM_TDB	
		near2 valv\$2 and open near2 (inlet or		
		intake) near2 valv\$2	IICDATE:	2004/05/02 16:37
-	0	10/611845	USPAT; US-PGPUB;	2004/03/02 10:37
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
1	1	1		